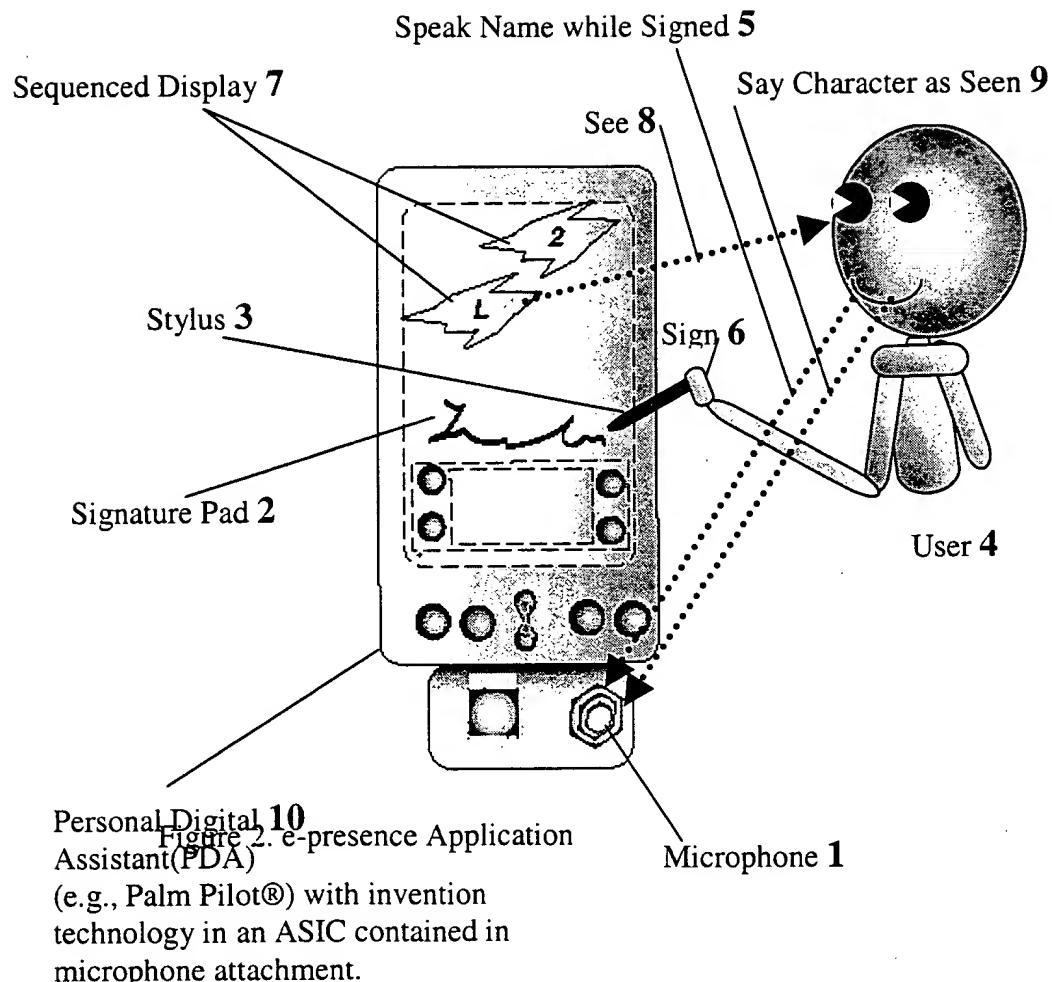


Figure 1. Invention Application Concept



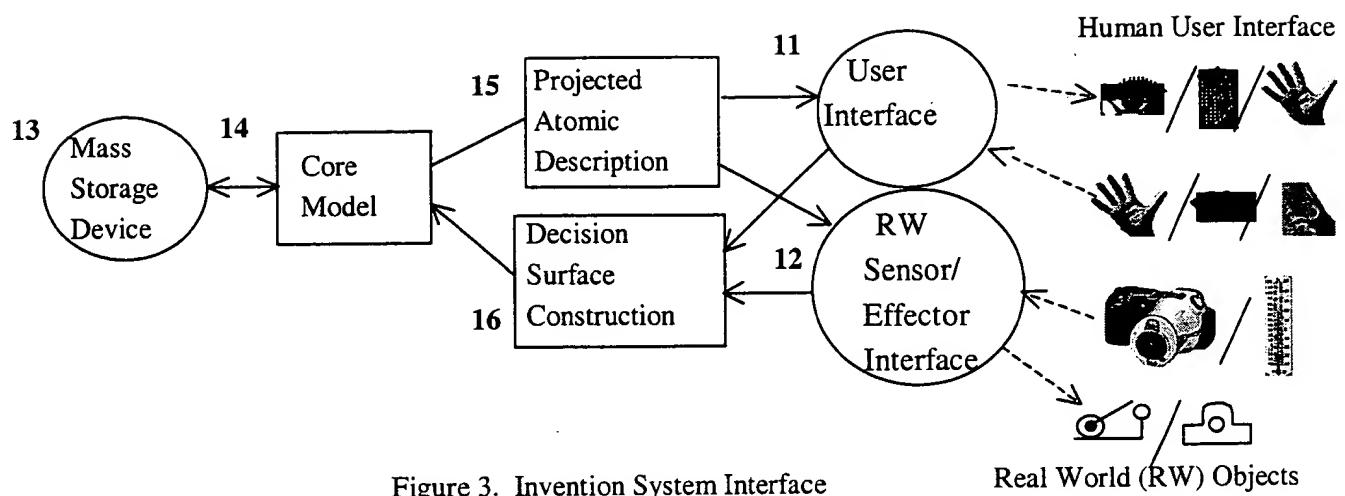


Figure 3. Invention System Interface

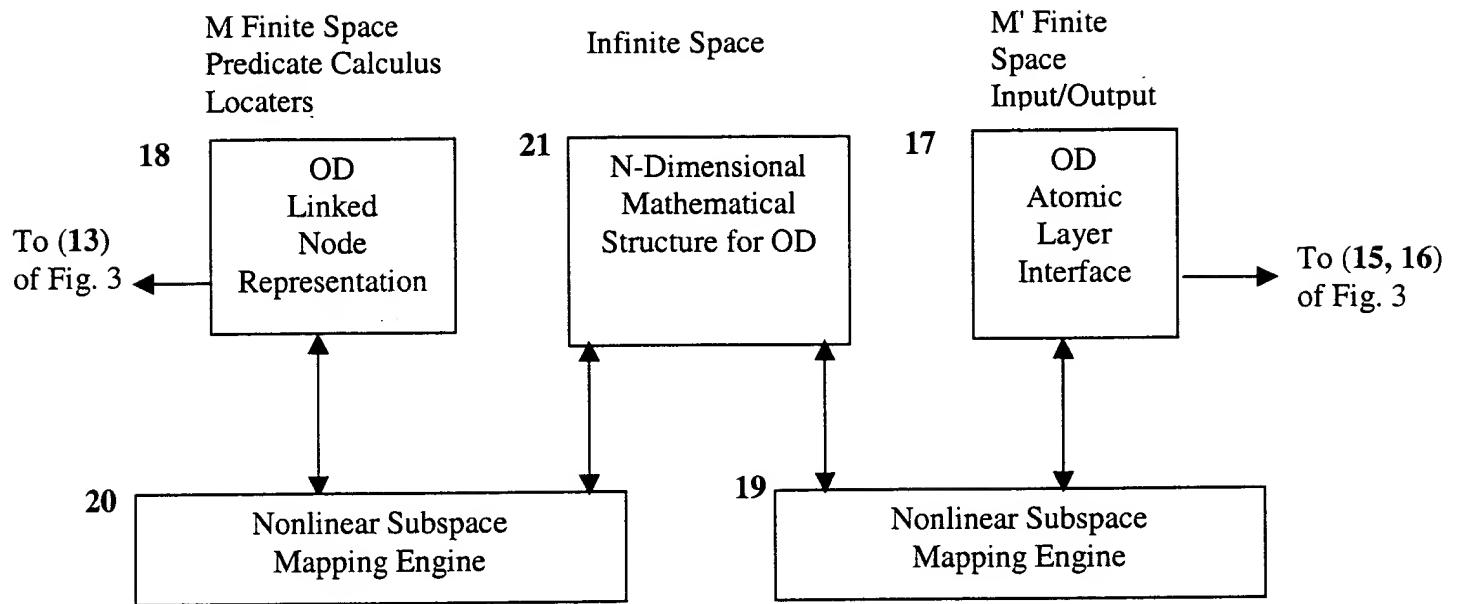


Figure 4. Core Model elements

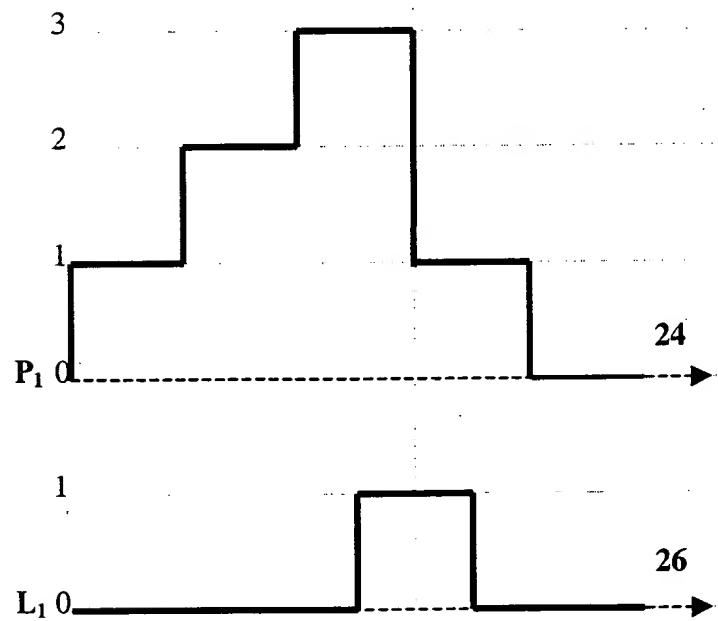
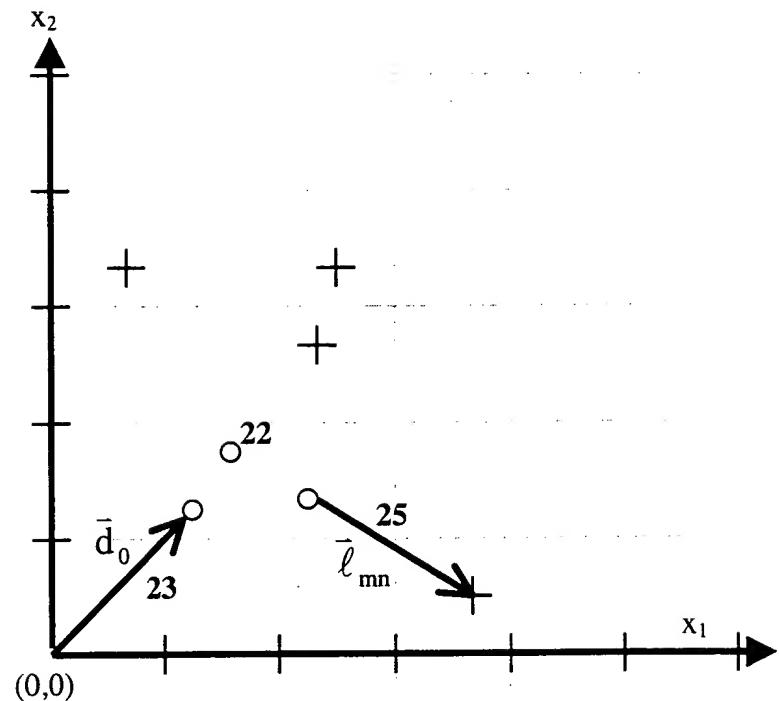
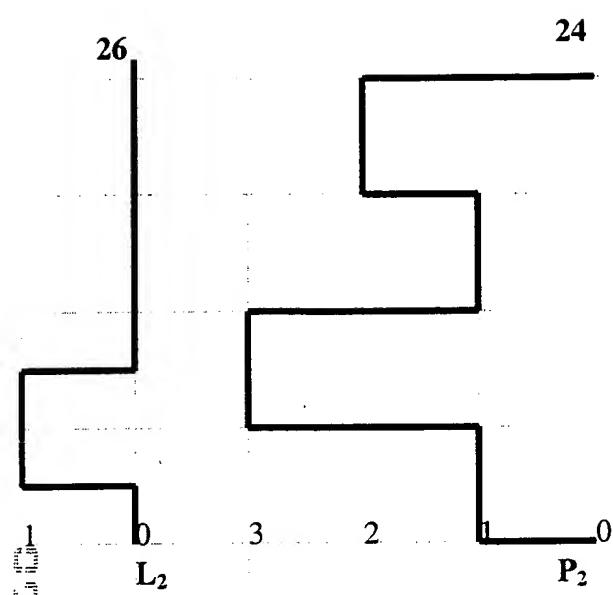
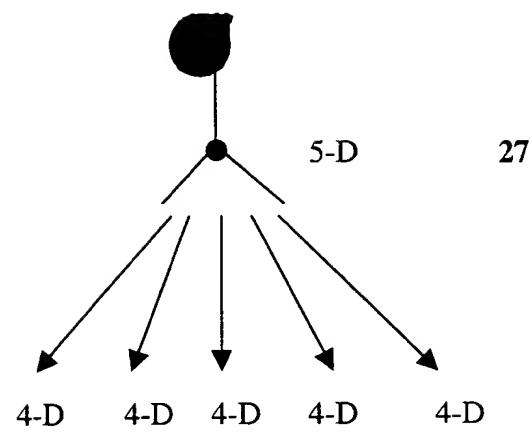


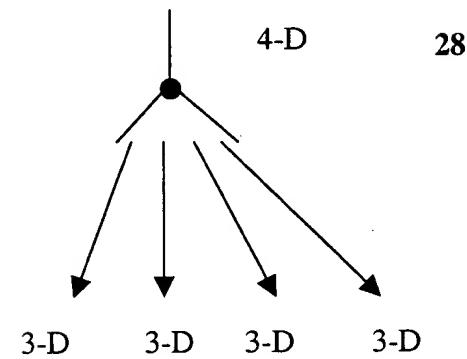
Figure 5. 2-D OD Representation

a) Full Space $N = N' = 5$
(SD = 1)



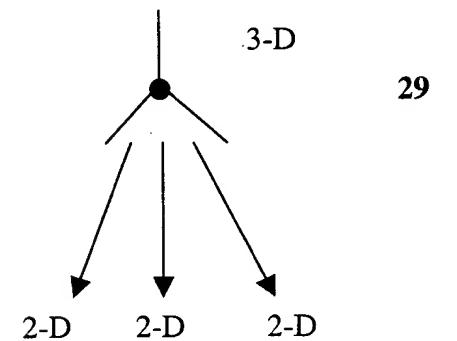
27

b) $(N - N') = 1$ $N' = 4$
(SD = 5)



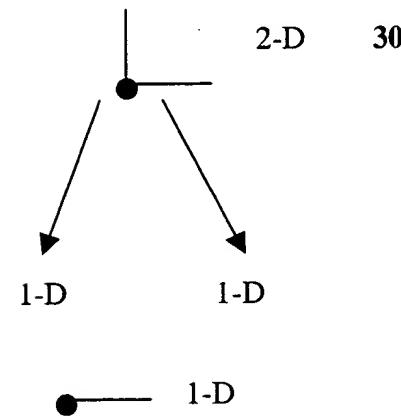
28

c) $(N - N') = 2$ $N' = 3$
(SD = 5 X 4)



29

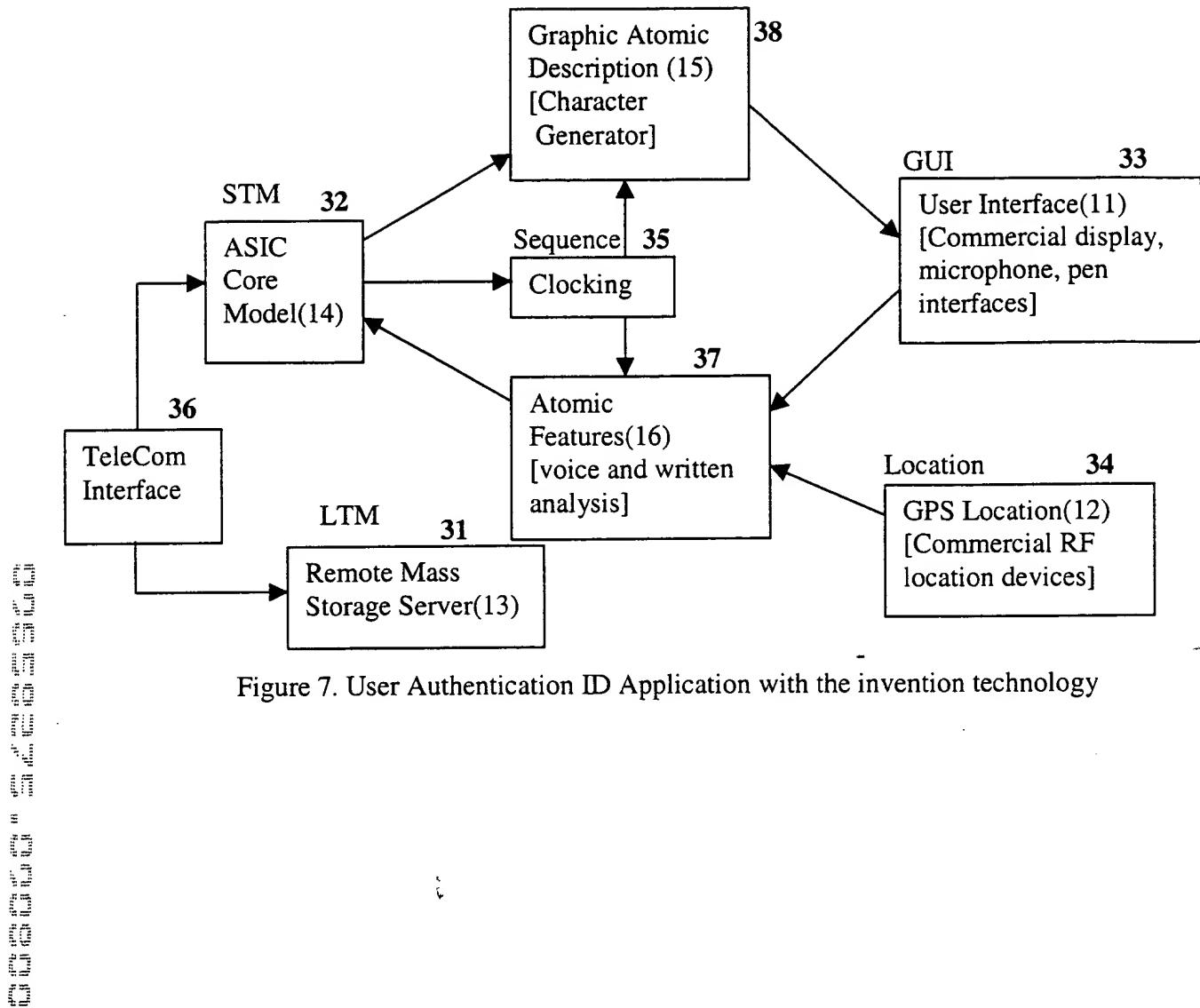
d) $(N - N') = 3$ $N' = 2$
(SD = 5 X 4 X 3)



2-D 30

e) $(N - N') = 4$ $N' = 1$
(SD = 5 X 4 X 3 X 2)

Figure 6. Subspace Expansion for $N = 5$



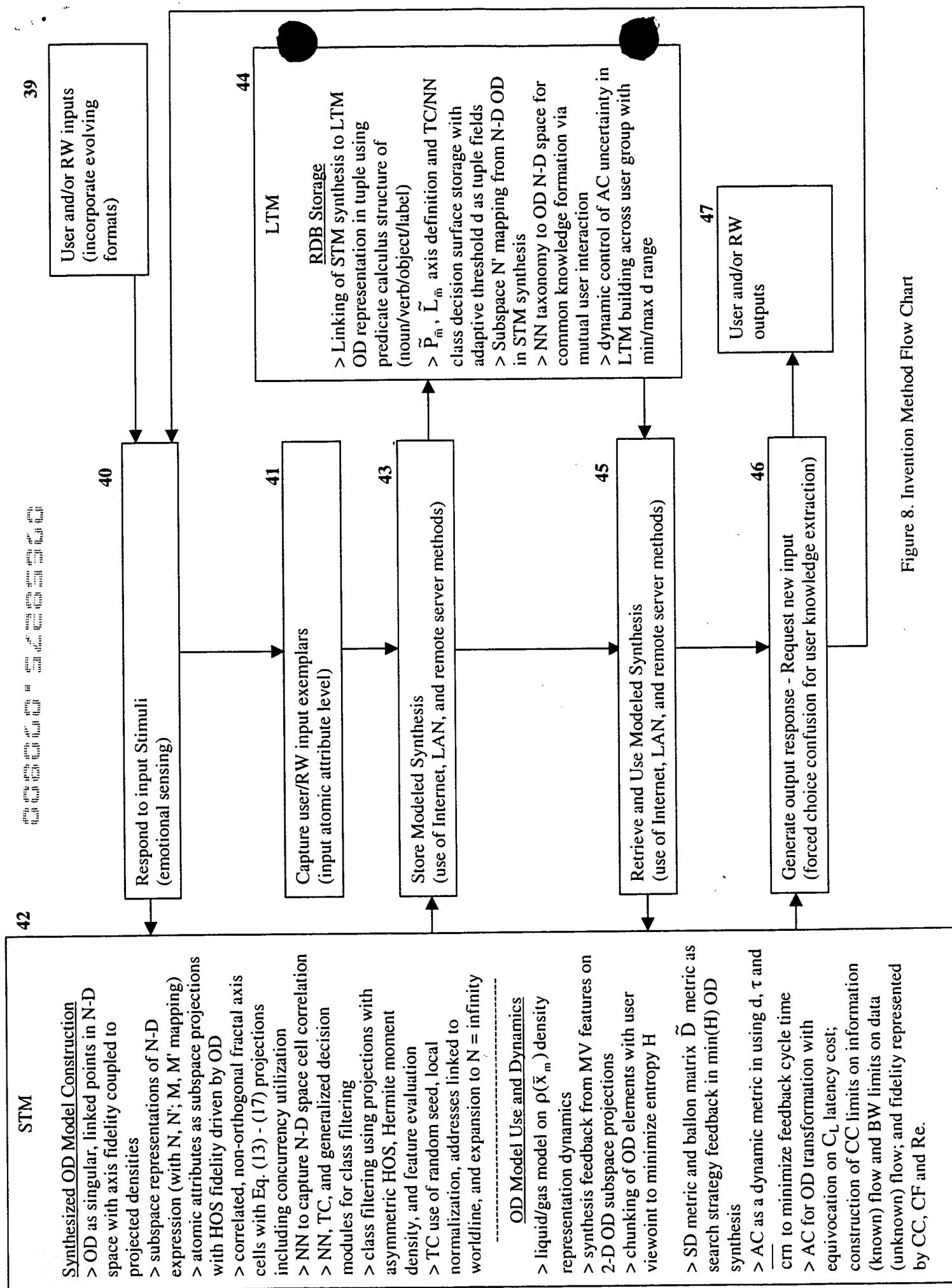


Figure 8. Invention Method Flow Chart

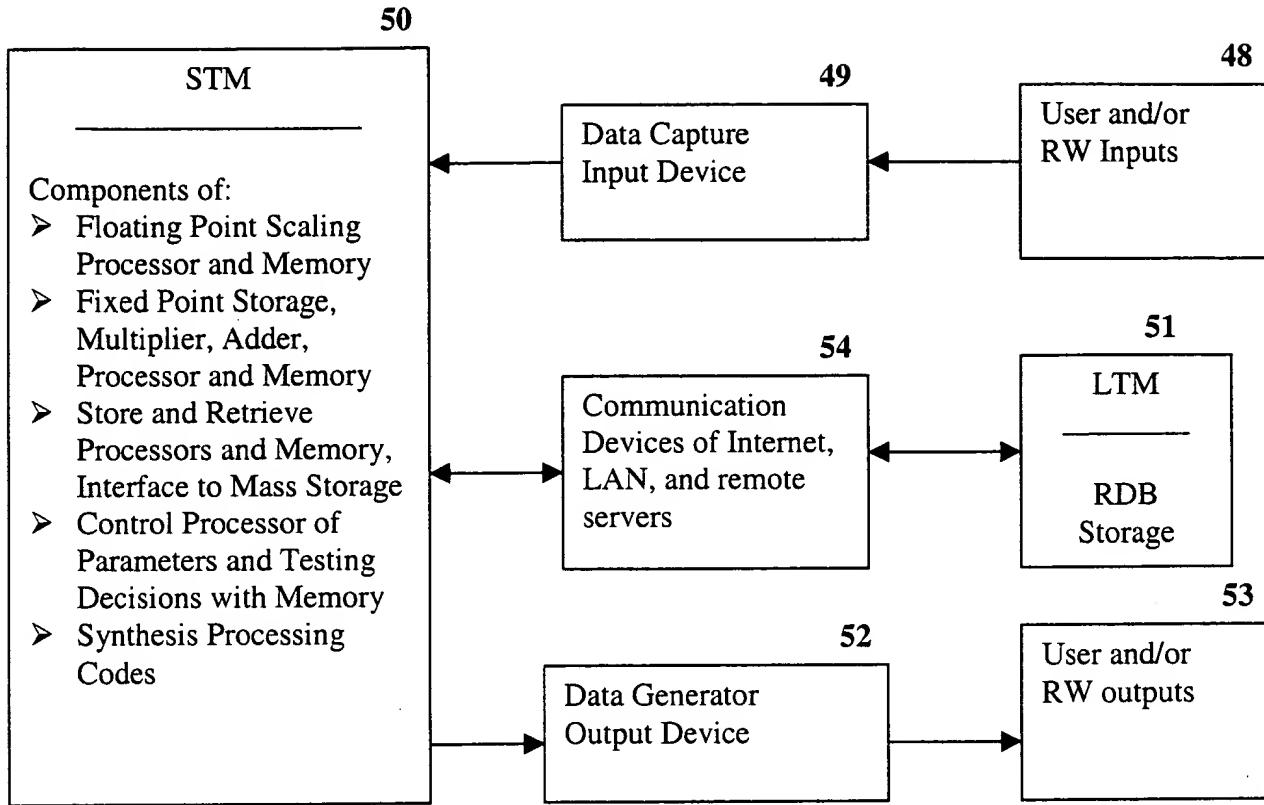


Figure 9. Invention System Generic Block Diagram